

FIG. 1

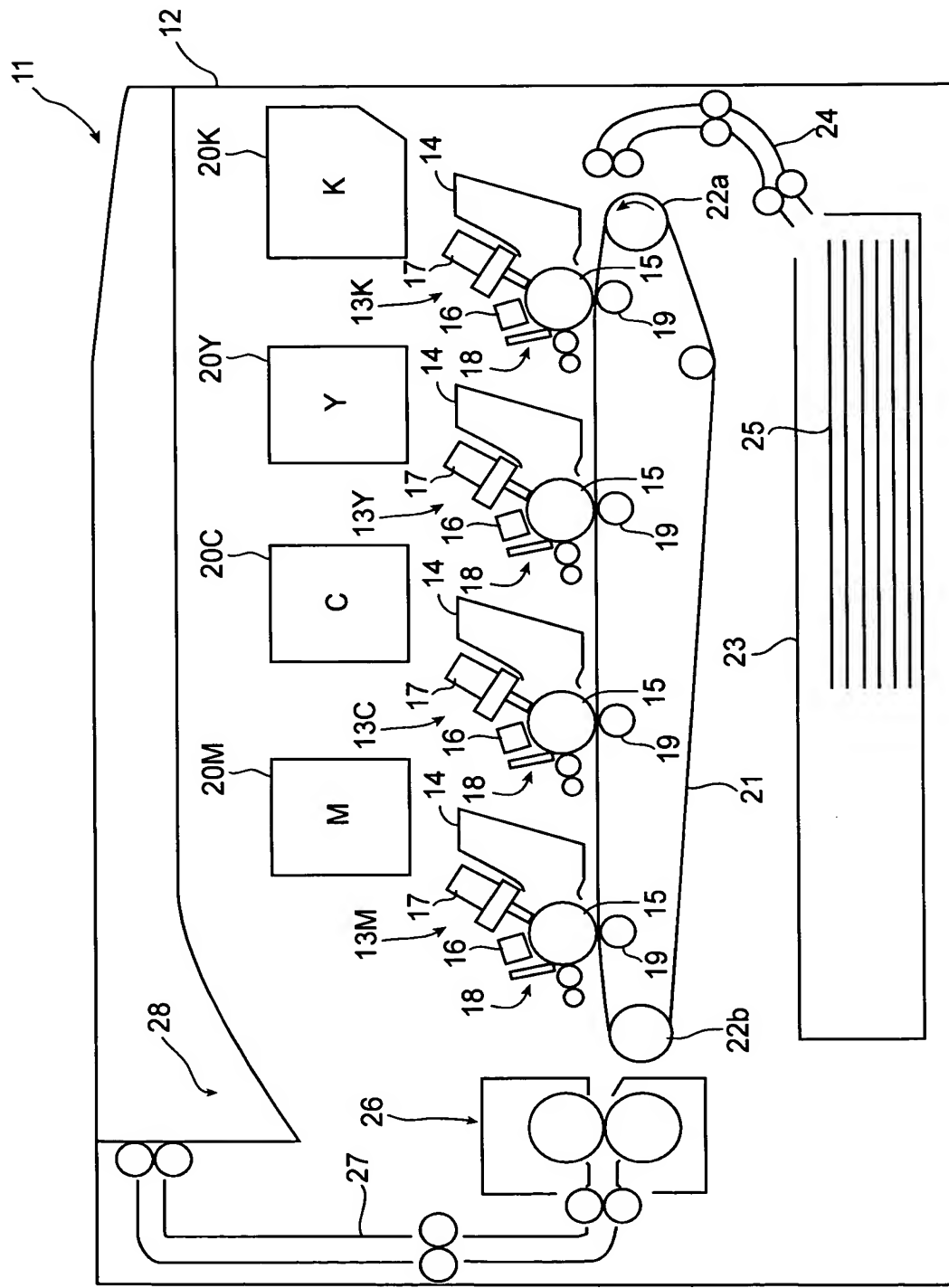


FIG. 2

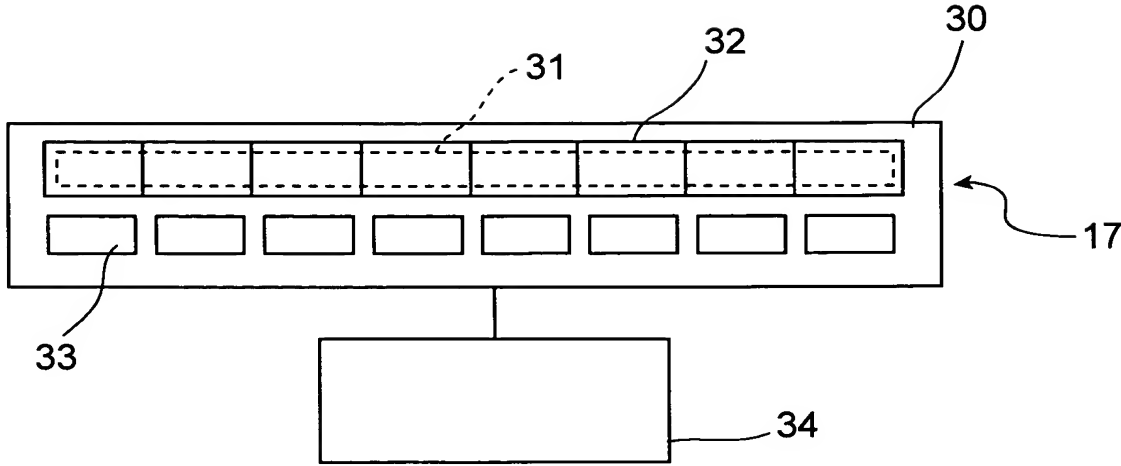


FIG. 3

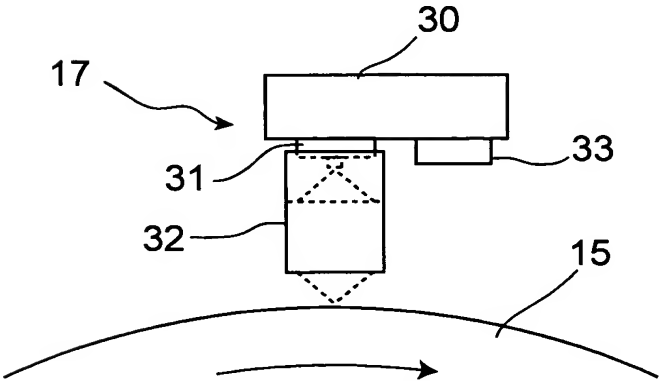


FIG. 4

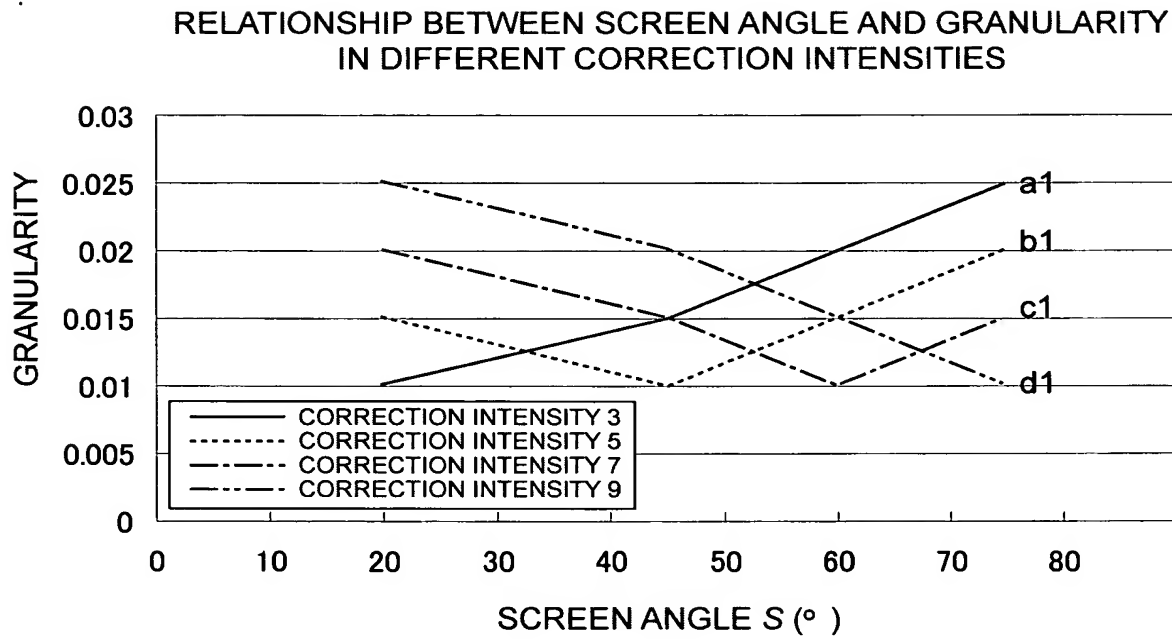


FIG. 5

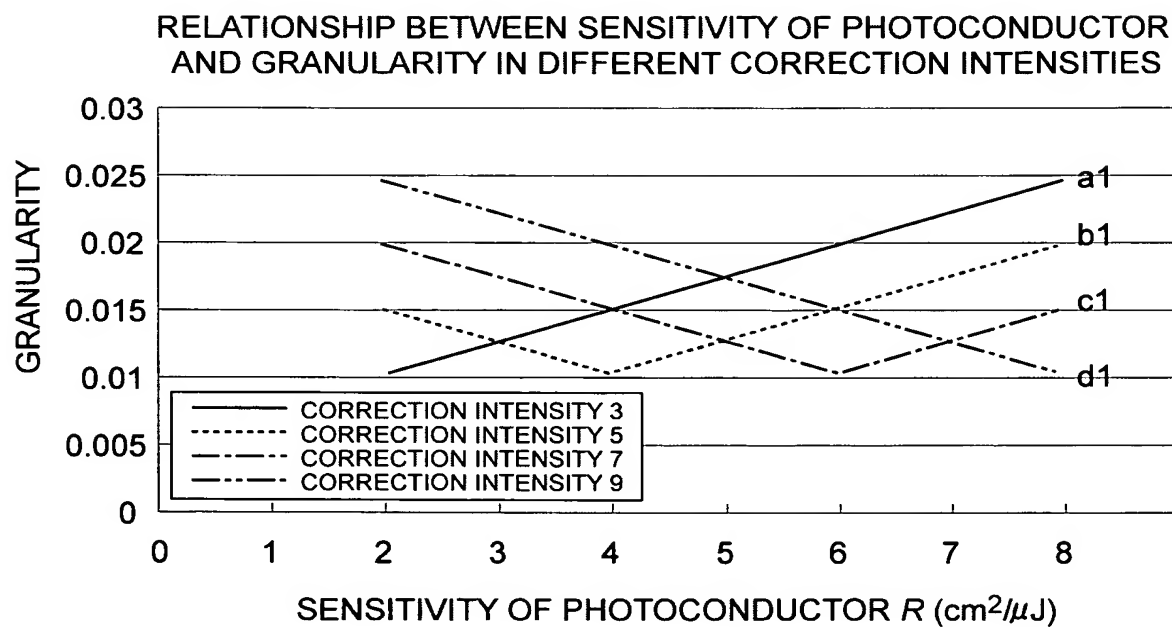


FIG. 6

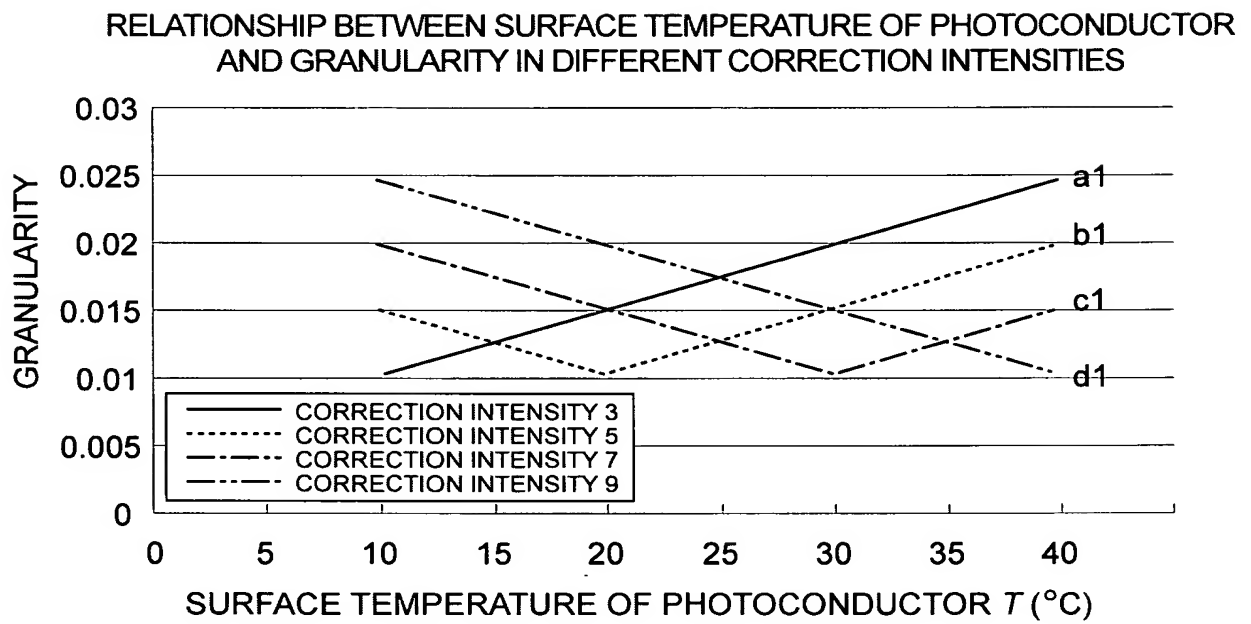


FIG. 7

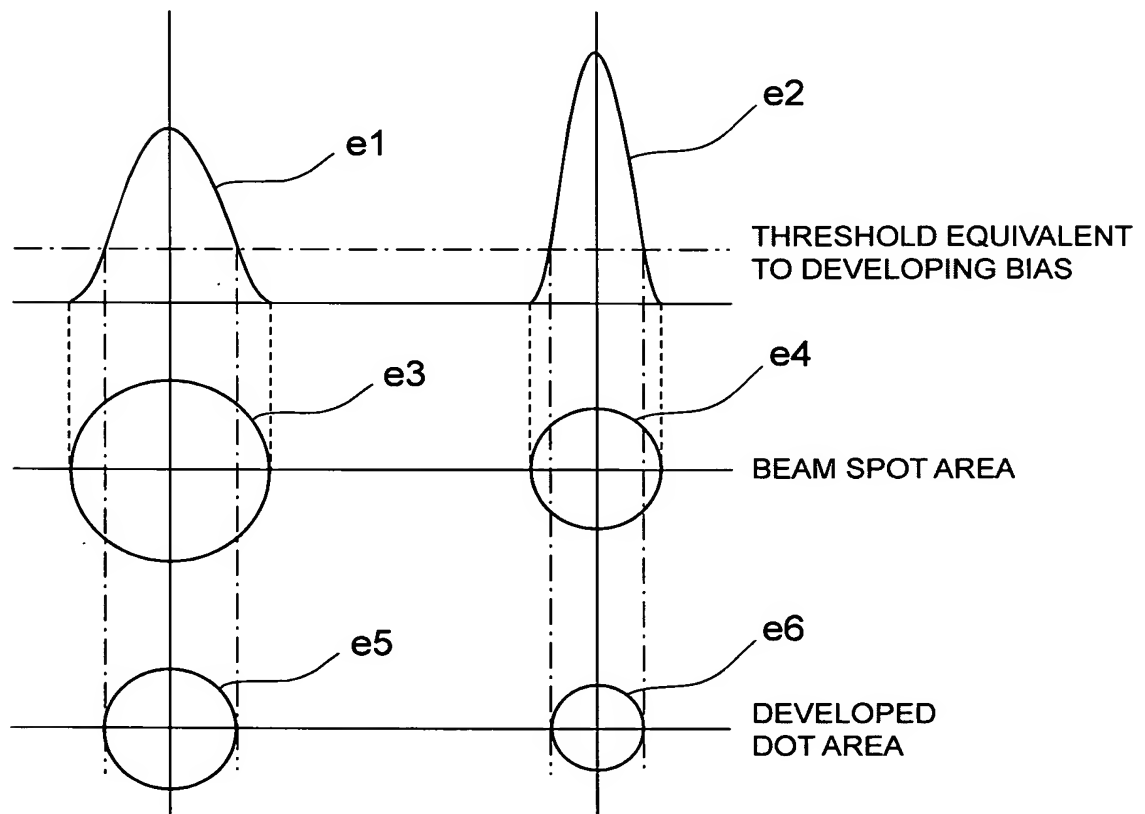


FIG. 8

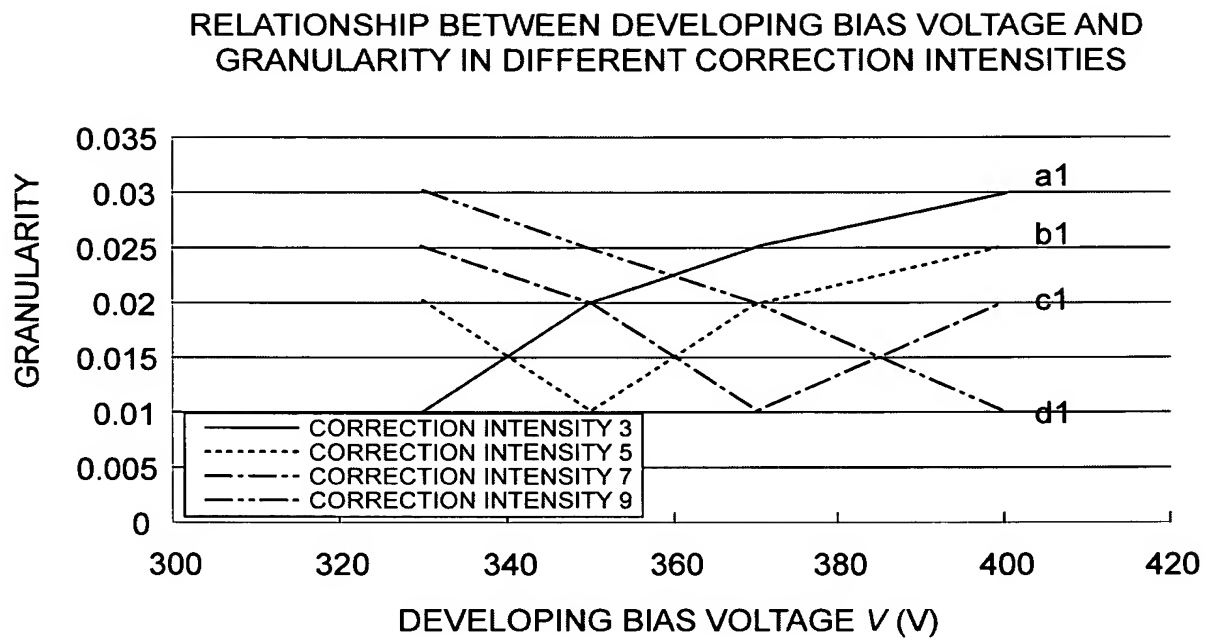


FIG. 9

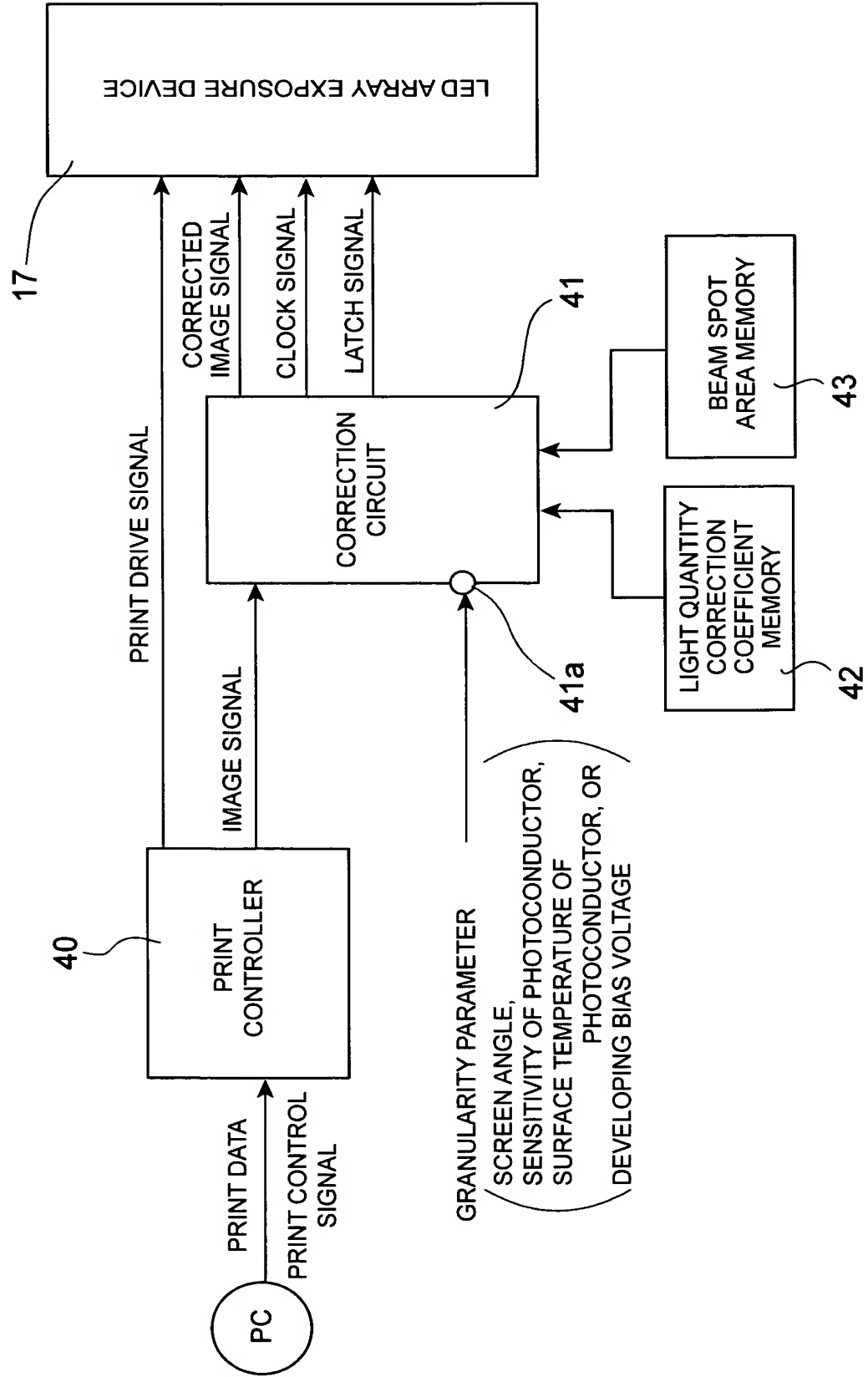


FIG. 10

S1	PIXEL	n	1	2	3	4	5
S2	GRANULARITY PARAMETER						
	-SCREEN ANGLE	S	90°				
	-SENSITIVITY OF PHOTOCONDUCTOR	R	4 cm ² /μJ				
	-SURFACE TEMPERATURE	T	30°C				
	-DEVELOPING BIAS VOLTAGE	V	320V				
S3	LIGHT QUANTITY CORRECTION COEFFICIENT	L	1.1	0.8	1.5	0.9	1
S4	BEAM SPOT AREA	A	10	8	15	5	12
S5	AVERAGE OF BEAM SPOT AREAS	M	10				
S6	DIFFERENCE (M-A)	D	0	2	-5	5	-2
S7	RATIO (D/M)	P	0	0.2	-0.5	0.5	-0.2
S8	BEAM SPOT AREA CORRECTION COEFFICIENT	B	ASSIGNING WEIGHT TO RATIO (P) FOR EACH PIXEL				
S9	CORRECTION COEFFICIENT	C	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) FOR EACH PIXEL				
S10	DRIVING CURRENT FOR LIGHT-EMITTING ELEMENT	I	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (C) FOR EACH PIXEL				

FIG. 11

S21	PIXEL	n	1	2	3	4	5	6	7	8	9	... N
S22	GRANULARITY PARAMETER											
	-SCREEN ANGLE	S	90°									
	-SENSITIVITY OF PHOTOCONDUCTOR	R	4 cm ² /μJ									
	-SURFACE TEMPERATURE	T	30°C									
	-EVELOPING BIAS VOLTAGE	V	320V									
S23	LIGHT QUANTITY CORRECTION COEFFICIENT	L	1.1	0.8	1.5	0.9	1	0.5	1.2	1.3	0.5	...
S24	BEAM SPOT AREA	A	10	8	15	5	12	14	6	9	10	...
S25-1	MOVING AVERAGE OF BEAM SPOT AREAS	M1	10									
S25-2		M2		10.8								
S25-3		M3			10.4							
S25-4		M4				9.2						
S25-5		M5					10.2					
S26	DIFFERENCE (M-A)	D	0	2.8	-4.6	4.2	-1.8	...				
S27	RATIO (D/M)	P	0	0.26	-0.44	0.46	-0.18	...				
S28	BEAM SPOT AREA CORRECTION COEFFICIENT	B	ASSIGNING WEIGHT TO RATIO (P) FOR EACH PIXEL									
S29	CORRECTION COEFFICIENT	C	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) FOR EACH PIXEL									
S30	DRIVING CURRENT FOR LIGHT-EMITTING ELEMENT	I	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (C) FOR EACH PIXEL									

FIG. 12A
PRIOR ART

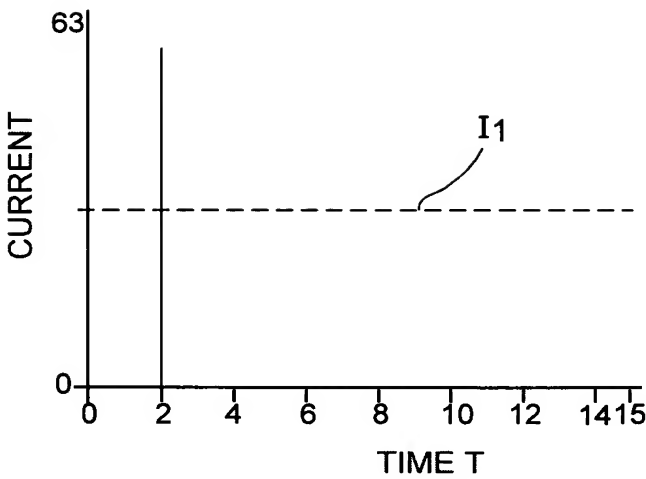


FIG. 12B
PRIOR ART

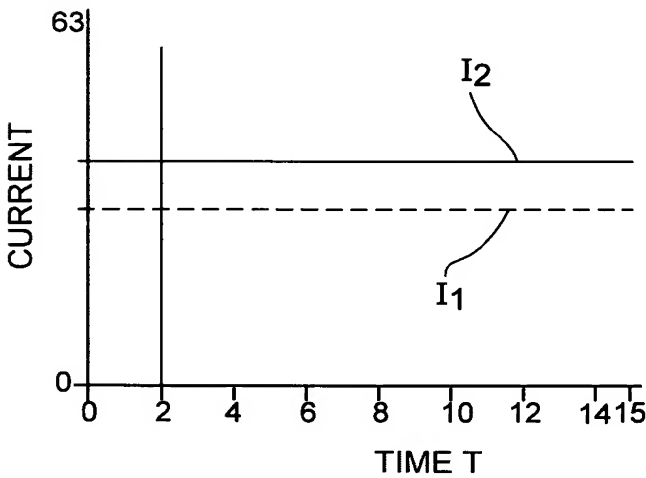


FIG. 12C

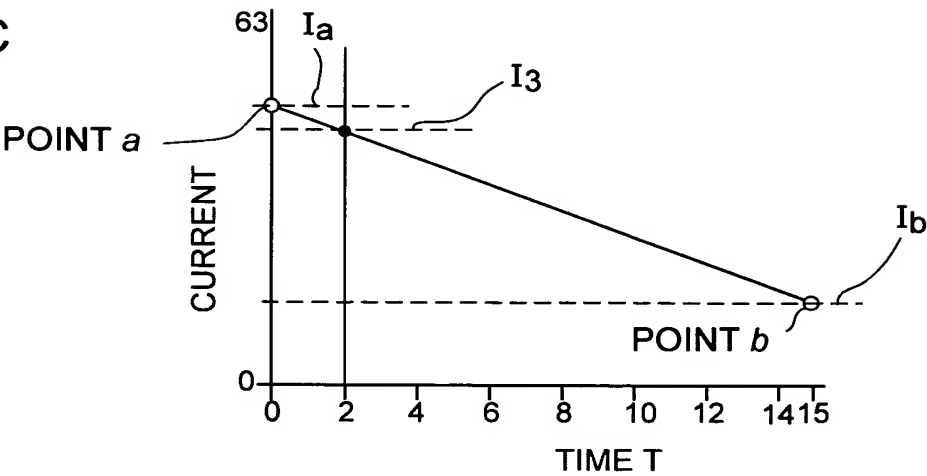


FIG. 13A

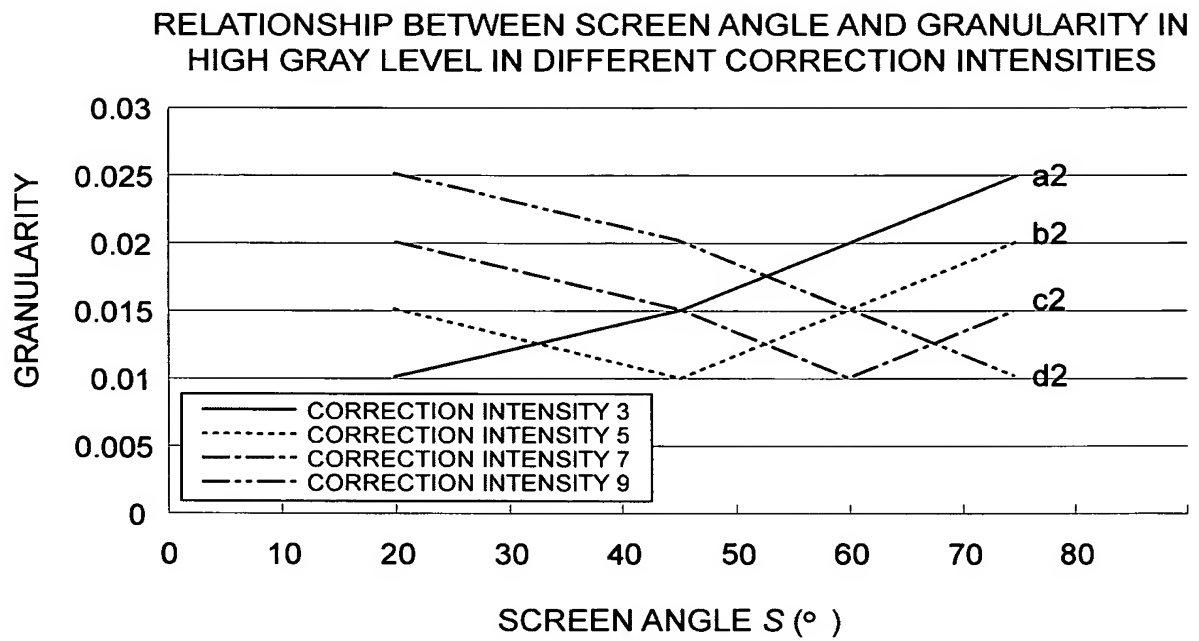


FIG. 13B

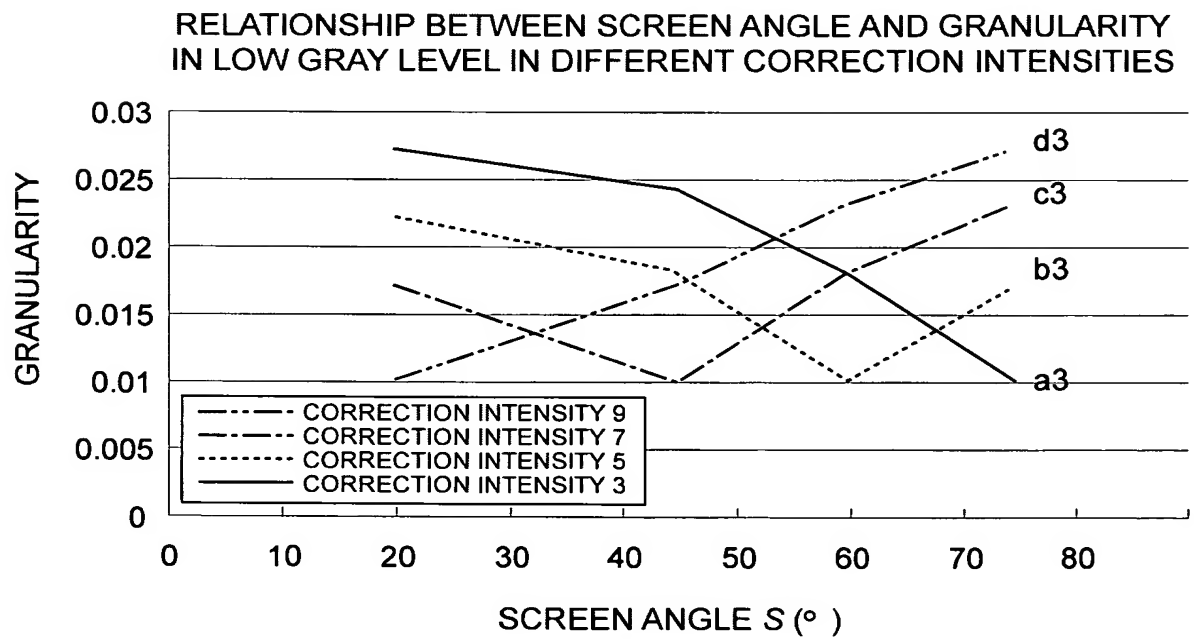


FIG. 14A

RELATIONSHIP BETWEEN SENSITIVITY OF PHOTOCONDUCTOR AND GRANULARITY IN HIGH GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

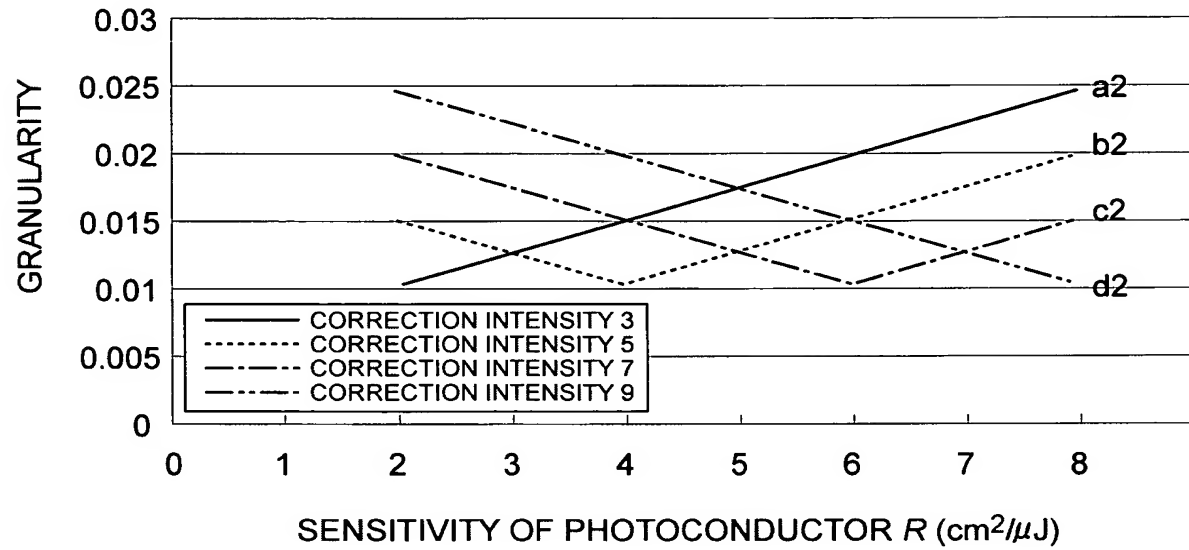


FIG. 14B

RELATIONSHIP BETWEEN SENSITIVITY OF PHOTOCONDUCTOR AND GRANULARITY IN LOW GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

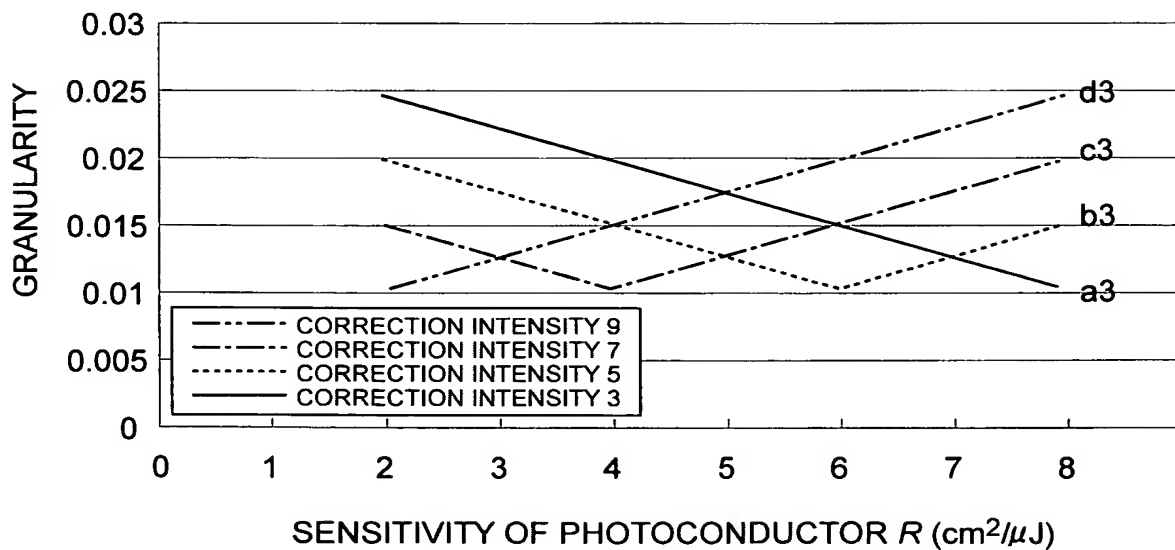


FIG. 15A

RELATIONSHIP BETWEEN SURFACE TEMPERATURE OF PHOTOCONDUCTOR AND GRANULARITY IN HIGH GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

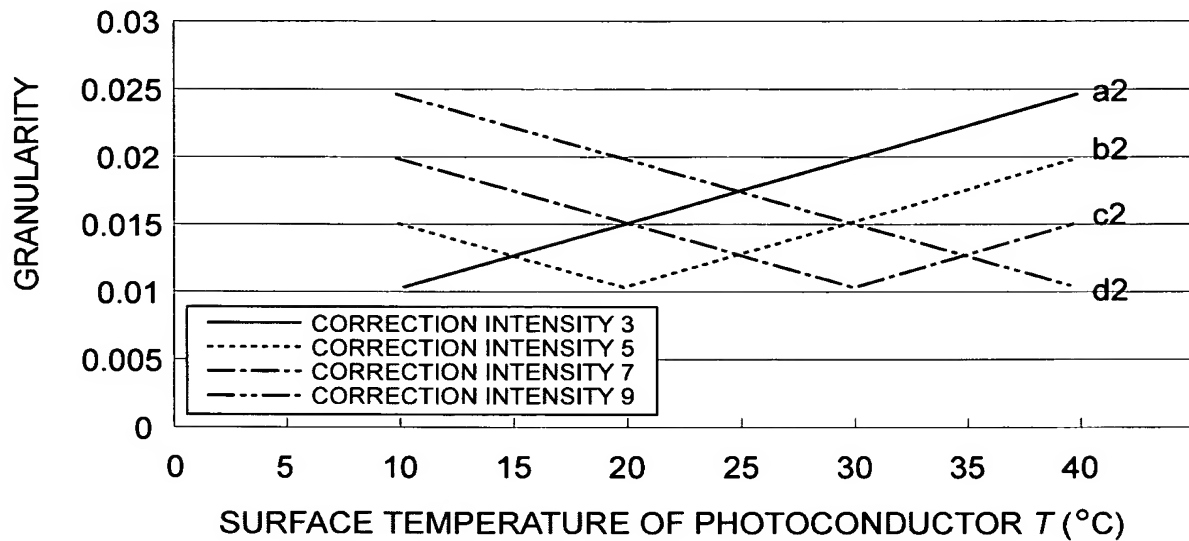


FIG. 15B

RELATIONSHIP BETWEEN SURFACE TEMPERATURE OF PHOTOCONDUCTOR AND GRANULARITY IN LOW GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

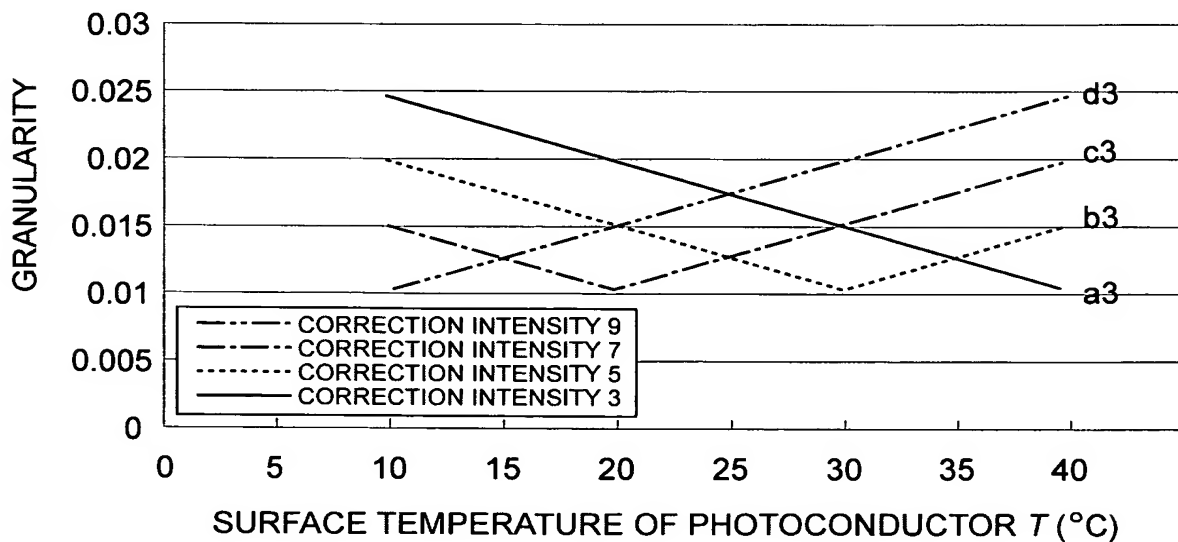


FIG. 16A

RELATIONSHIP BETWEEN DEVELOPING BIAS VOLTAGE AND GRANULARITY
IN HIGH GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

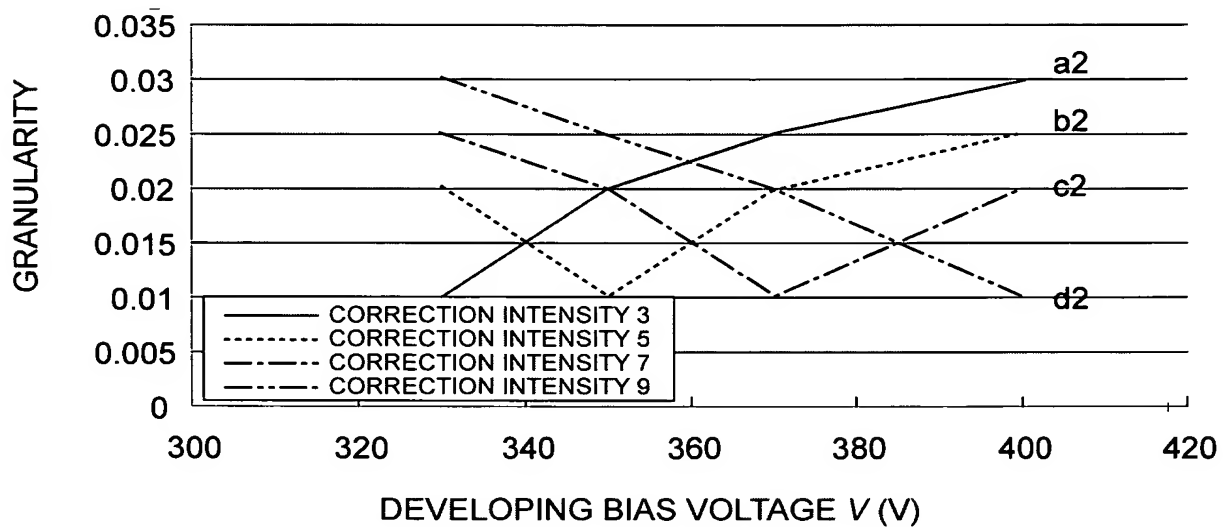


FIG. 16B

RELATIONSHIP BETWEEN DEVELOPING BIAS VOLTAGE AND GRANULARITY
IN LOW GRAY LEVEL IN DIFFERENT CORRECTION INTENSITIES

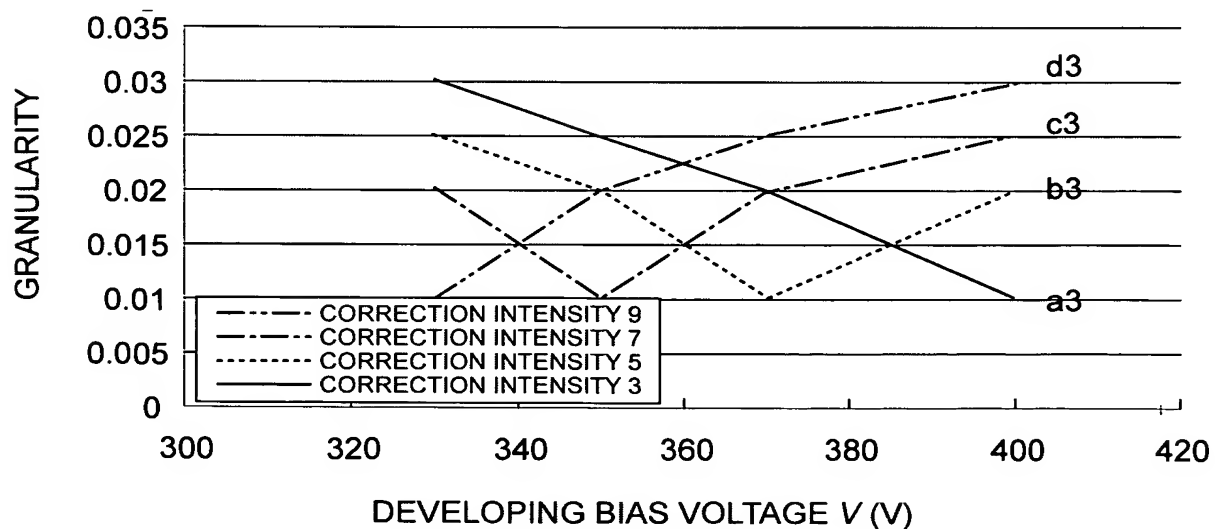


FIG. 17

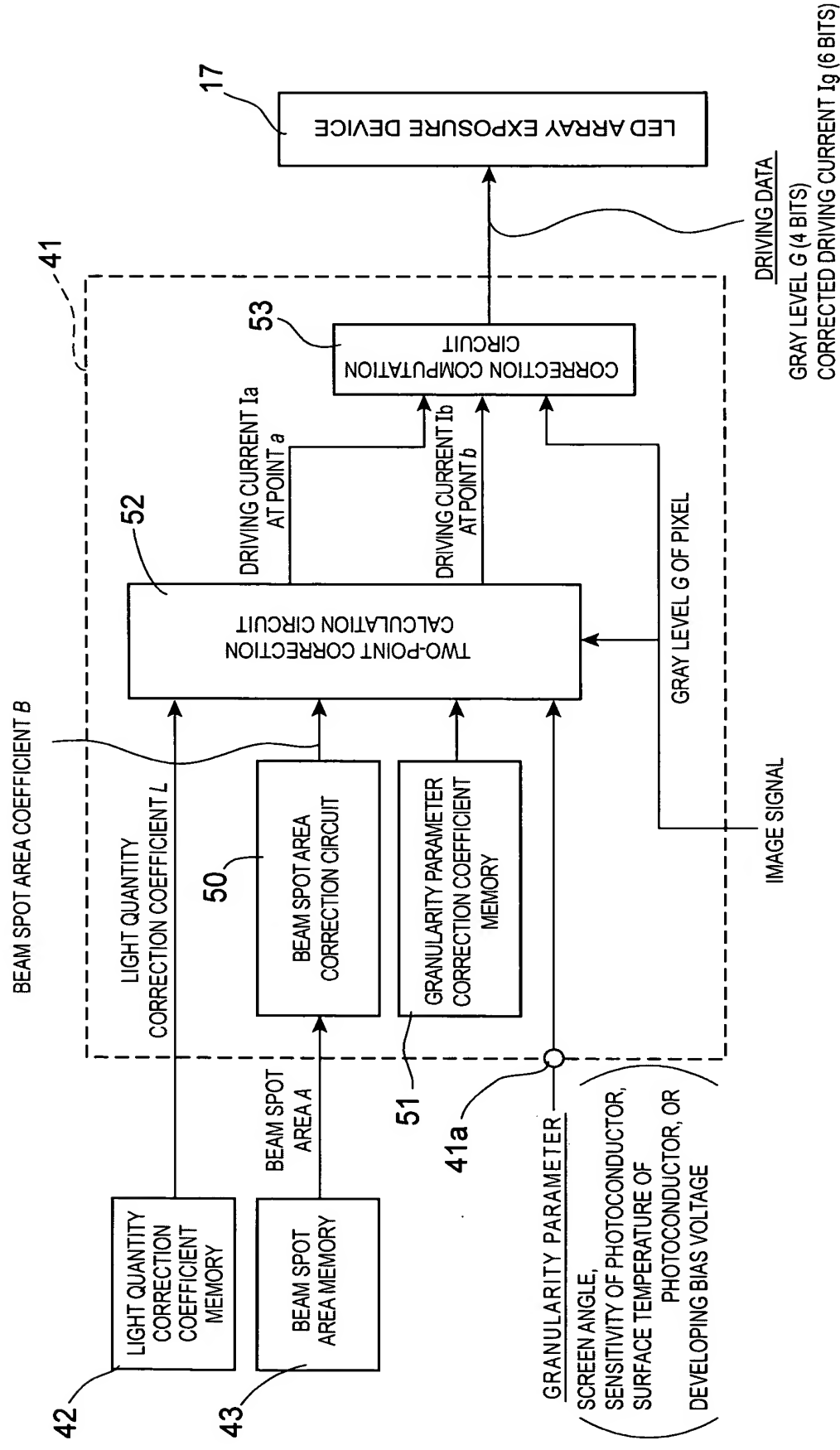


FIG. 18

S41	PIXEL	n	1	2	3	4	5
S42	GRAY LEVEL OF PIXEL	G	5	2	7	10	4
S43	GRANULARITY PARAMETER						
	-SCREEN ANGLE	S	90°				
	-SENSITIVITY OF PHOTOCONDUCTOR	R	4 cm ² /μJ				
	-SURFACE TEMPERATURE	T	30°C				
	-DEVELOPING BIAS VOLTAGE	V	320V				
S44	LIGHT QUANTITY CORRECTION COEFFICIENT	L	1.1	0.8	1.5	0.9	1
S45	BEAM SPOT AREA	A	10	8	15	5	12
S46	AVERAGE OF BEAM SPOT AREAS	M	10				
S47	DIFFERENCE (M-A)	D	0	2	-5	5	-2
S48	RATIO (D/M)	P	0	0.2	-0.5	0.5	-0.2
S49	BEAM SPOT AREA CORRECTION COEFFICIENT	B	ASSIGNING WEIGHT TO RATIO (P)				
S50-1	CORRECTION COEFFICIENT AT POINT a	Ca	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) IN LOW GRAY LEVEL				
S50-2	CORRECTION COEFFICIENT AT POINT b	Cb	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) IN HIGH GRAY LEVEL				
S51-1	DRIVING CURRENT AT POINT a	Ia	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (Ca) AT POINT a				
S51-2	DRIVING CURRENT AT POINT b	Ib	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (Cb) AT POINT b				
S51-3	CORRECTED DRIVING CURRENT	Ig	LINEAR INTERPOLATION FROM Ia TO Ib ACCORDING TO GRAY LEVEL G OF PIXEL				

FIG. 19

S61	PIXEL	n	1	2	3	4	5	6	7	8	9	... N
S62	GRAY LEVEL OF PIXEL	G	5	2	7	10	4	1	14	3	9	...
S63	GRANULARITY PARAMETER											
	-SCREEN ANGLE	S	90°									
	-SENSITIVITY OF PHOTOCONDUCTOR	R	4 cm ² /μJ									
	-SURFACE TEMPERATURE	T	30°C									
	-DEVELOPING BIAS VOLTAGE	V	320V									
S64	LIGHT QUANTITY CORRECTION COEFFICIENT	L	1.1	0.8	1.5	0.9	1	0.5	1.2	1.3	0.5	...
S65	BEAM SPOT AREA	A	10	8	15	5	12	14	6	9	10	...
S66-1	MOVING AVERAGE OF BEAM SPOT AREAS	M1	10									
S66-2		M2		10.8								
S66-3		M3		10.4								
S66-4		M4				9.2						
S66-5		M5				10.2						
S67	DIFFERENCE(M-A)	D	0	2.8	-4.6	4.2	-1.8	...				
S68	RATIO(D/M)	P	0	0.26	-0.44	0.46	-0.18	...				
S69	BEAM SPOT AREA CORRECTION COEFFICIENT	B	ASSIGNING WEIGHT TO RATIO (P)									
S70-1	CORRECTION COEFFICIENT AT POINT a	Ca	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) IN LOW GRAY LEVEL									
S70-2	CORRECTION COEFFICIENT AT POINT b	Cb	BEAM SPOT AREA CORRECTION COEFFICIENT (B) X CORRECTION COEFFICIENT FOR SCREEN ANGLE (S) IN HIGH GRAY LEVEL									
S71-1	DRIVING CURRENT AT POINT a	Ia	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (Ca) AT POINT a									
S71-2	DRIVING CURRENT AT POINT b	Ib	STANDARD DRIVING CURRENT X LIGHT QUANTITY CORRECTION COEFFICIENT (L) X CORRECTION COEFFICIENT (Cb) AT POINT b									
S71-3	CORRECTED DRIVING CURRENT	Ig	LIEAR INTERPOLATION FROM Ia TO Ib ACCORDING TO GRAY LEVEL G OF PIXEL									

FIG. 20

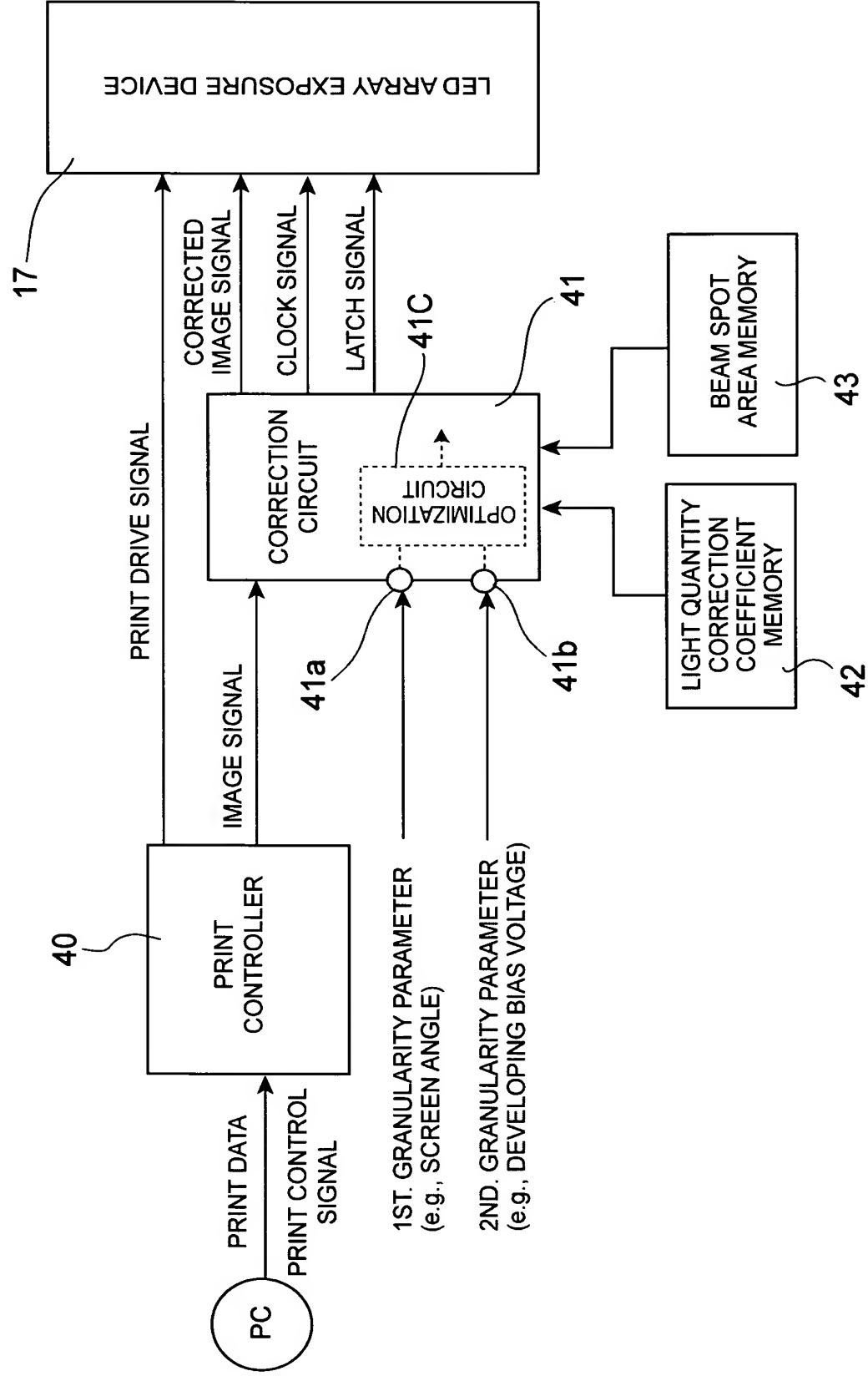


FIG. 21

